

ON-TIME FIRST LEAD SCREENING, WITH GRACE PERIOD, ADJUSTED STUDYPOP

otfs21	Freq.	Percent	Cum.
On time >4mo, <21mo	7,636	75.57	75.57
Not ontime >21mo	972	9.62	85.19
No screen	1,496	14.81	100.00
Total	10,104	100.00	

Disparities in Screenings - On-time screening versus No screening for 2015 cohort

	On time Screening (by 18 months)				No screening		
	Frequency (n)	Percent (%)	95% CI		Frequency (n)	Percent (%)	95% CI
Core City Status							
Core City	3043	75.08	73.72 - 76.39		588	14.51	13.46 - 15.63
Not core city	4593	75.90	74.81 - 76.97		908	15.01	14.13 - 15.93
Maternal education level							
Less than H.S	892	77.23	74.72 - 79.56		150	12.99	11.17 - 15.05
HS graduate	1372	73.17	71.12 - 75.13		299	15.95	14.36 - 17.68
Some college +	4448	76.14	75.03 - 77.21		855	14.64	13.75 - 15.57
Unknown	924	75.00	72.50 - 77.34		192	15.58	13.66 - 17.72
Race/Ethnicity							
White, non-hispanic	4164	75.39	74.24 - 76.51		840	15.21	14.29 - 16.18
Black, non-hispanic	477	72.49	68.95 - 75.77		100	15.20	12.65 - 18.15
Asian, non-hispanic	344	71.37	67.17 - 75.23		97	20.12	16.78 - 23.95
Multi/Other, non-hisp	396	72.66	68.76 - 76.24		89	16.33	13.46 - 19.68
Hispanic	1847	78.36	76.65 - 79.98		294	12.47	11.12 - 13.87
Unknown	408	75.70	71.89 - 79.14		76	14.10	11.41 - 17.30
Insurance Status							
Private	3947	77.32	76.15 - 78.44		704	13.79	12.87 - 14.76
Public	3657	74.18	72.		763	15.48	14.49 - 16.51
Self-Insured	11	45.83	*		12	50	*
No insurance	19	44.19	*		17	39.53	*

FIRST SCREENING RESULTS, CONFIRMED CASES, ADJUSTED STUDYPOP

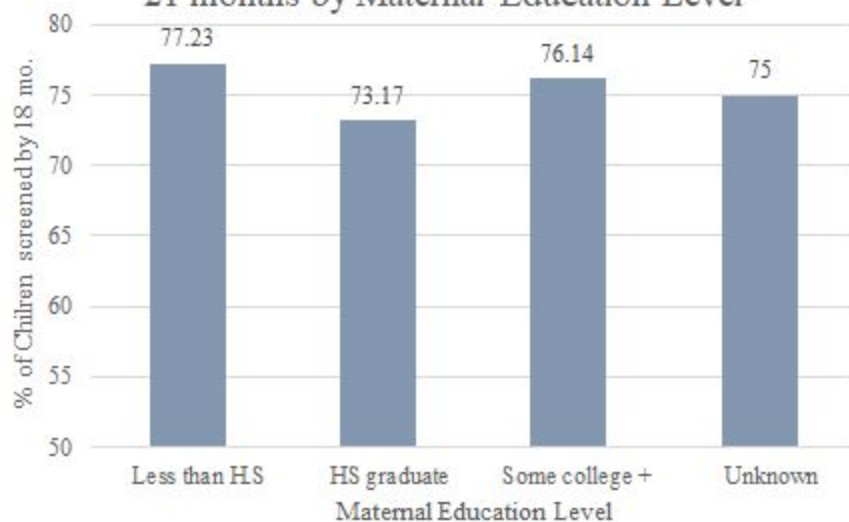
newleadcat	Freq.	Percent	Cum.
1	8,308	96.43	96.43
2	308	3.57	100.00
Total	8,616	100.00	

*These numbers are adjusted for children who had a high first test with a fingerstick, that was followed up by a venous test within 6 months that was below 5mcg/dL. In other words, the venous test was counted as their “actual” lead level for the first screening. Only 44 children born in 2015 fit this criteria, so the numbers are only slightly different from the unadjusted, based only on the “pbb1” result, regardless of type.

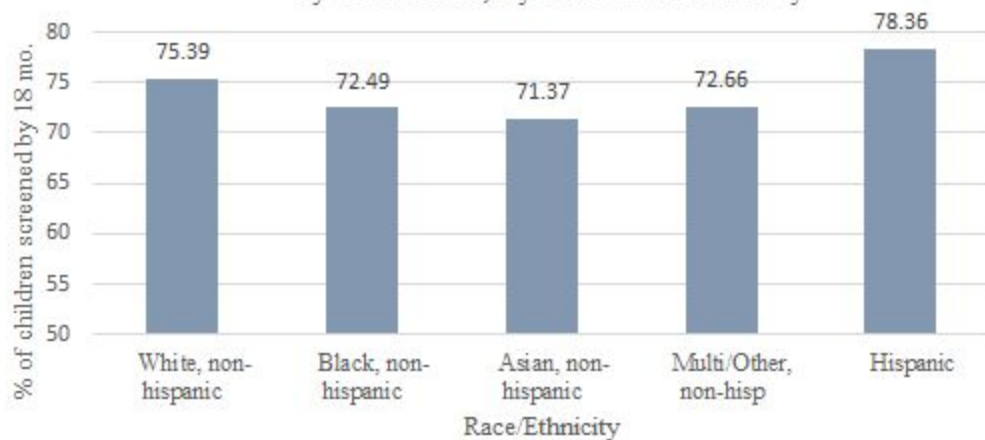
Disparities in Blood Lead Levels based on First screen for 2015 Cohort

	BLL<5mcg/dL				BLL≥5mcg/dL		
	Frequency (n)	Percent (%)	95% CI		Frequency (n)	Percent (%)	95% CI
Core City Status							
Core City	3286	94.72	93.93 - 95.42		183	5.28	4.58 - 6.07
Not core city	5022	97.57	97.11 - 97.96		125	2.43	2.04 - 2.89
Maternal education level							
Less than H.S	926	91.96	90.10 - 93.48		81	8.04	6.52 - 9.89
HS graduate	1528	96.83	95.84 - 97.59		50	3.17	2.41 - 4.16
Some college +	4852	97.23	96.74 - 97.65		138	2.77	2.35 - 3.26
Unknown	1002	96.25	94.91 - 97.25		39	3.75	2.75 - 5.09
Race/Ethnicity							
White, non-hispanic	4557	97.23	96.72 - 97.66		130	2.77	2.34 - 3.28
Black, non-hispanic	531	95.16	93.03 - 96.66		27	4.84	3.34 - 6.97
Asian, non-hispanic	367	95.08	92.41 - 96.84		19	4.92	3.16 - 7.59
Multi/Other, non-hisp	425	93.20	90.49 - 95.18		31	6.80	4.82 - 9.51
Hispanic	1975	95.64	94.67 - 96.44		90	4.36	3.56 - 5.33
Unknown	453	97.63	95.77 - 98.68		11	2.37	1.32 - 4.23
Insurance Status							
Private	4312	97.91	97.44 - 98.29		92	2.09	1.71 - 2.56
Public	3959	94.89	94.18 - 95.52		213	5.11	4.48 - 5.82
Self-Insured	11	91.67	*		1	*	*
No insurance	24	92.31	*		2	*	*

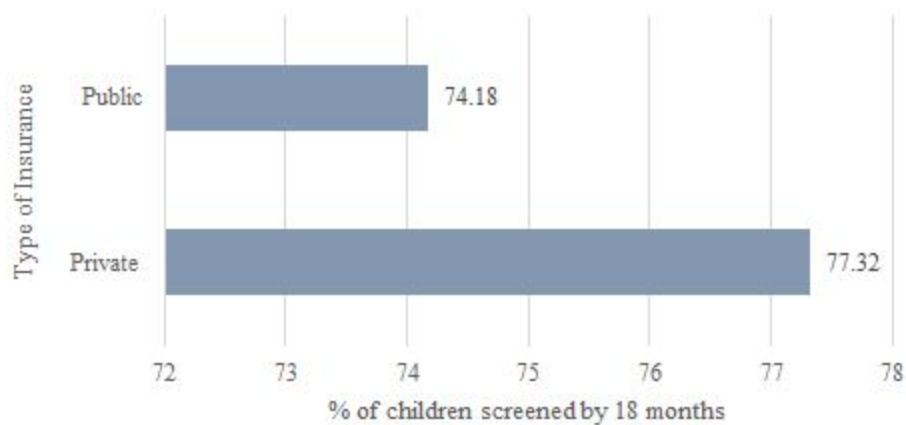
Percent of Children with First Lead Screening by
21 months by Maternal Education Level



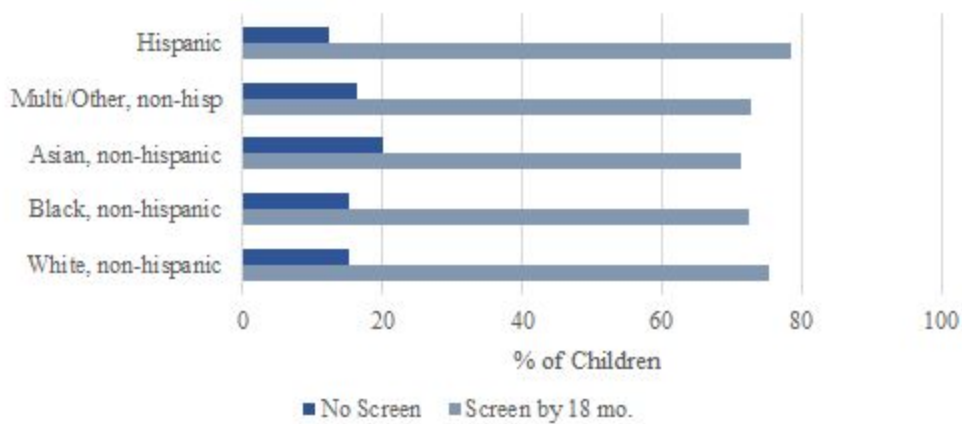
Percent of Children Born in 2015 with First Lead Screening
by 21 months, by Race and Ethnicity



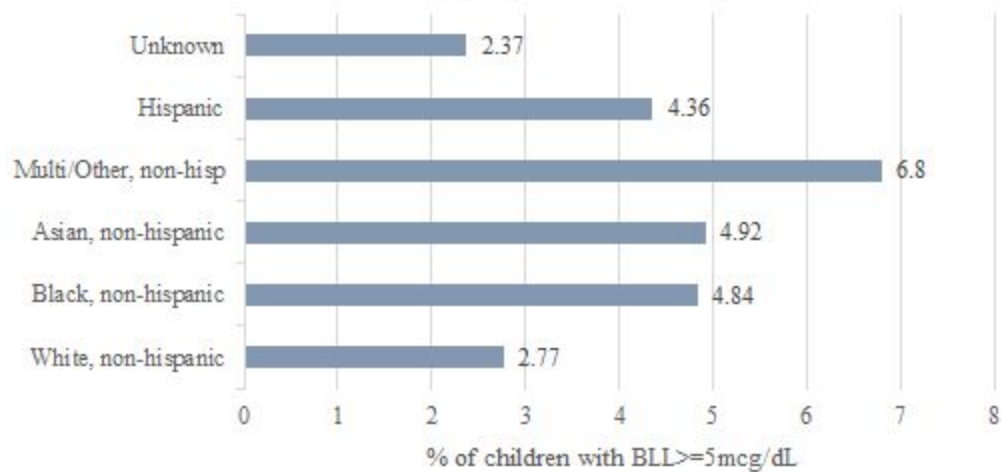
Percent of Children Born in 2015 with First Lead Screening by 21 months, by Type of Insurance



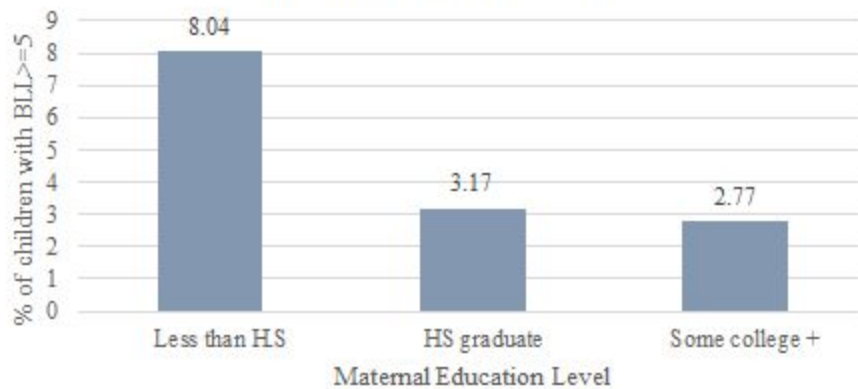
On Time First Lead Screening versus No Screening by Race/Ethnicity for Children Born in 2015



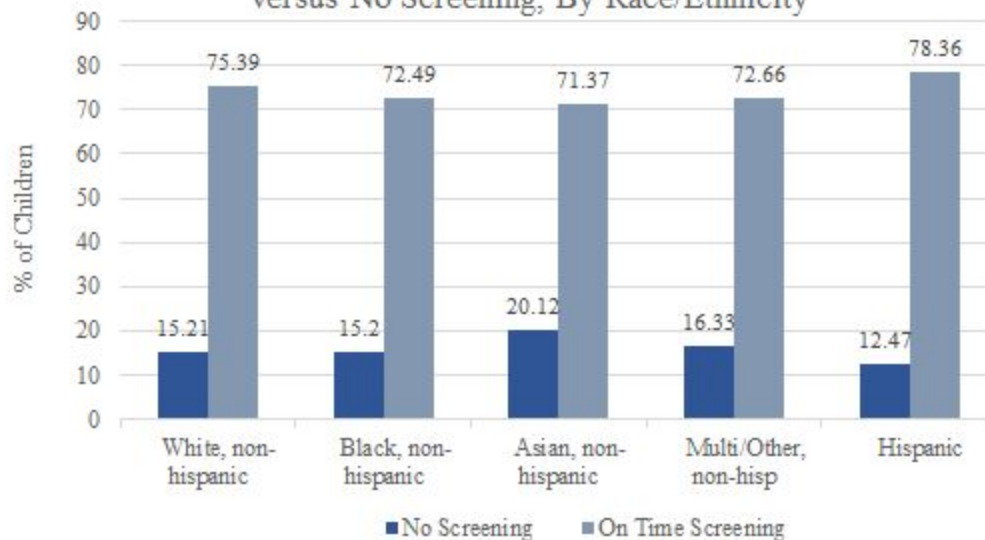
Percent of Children born in 2015 with BLL \geq 5mcg/dL at First Screening, by Race/Ethnicity



Percent of Children born in 2015 with
BLL \geq 5mcg/dL at First Lead Screening, by
Maternal Education Level



Percent of Children with First Lead Screening by 18 Months
versus No Screening, By Race/Ethnicity



Percent of Children with BLL \geq 5mcg/dL at First Lead
Screening, by Core City

